

Air Toxics Risk Assessment Modeling Tools Symposium

Tuesday, July 15 Lake Huron Room, Metcalfe Building, 77 W. Jackson, Chicago, IL

9:30 - 10:00 Arrival, Coffee and Bagels

10:00 - 10:15 Welcome -
Cheryl Newton, Acting Director, Air and Radiation Division, Region 5
Mike Koerber, Executive Director, Lake Michigan Air Directors Consortium

10:15 - 10:25 Overview and Goals of the Symposium - Carl Nash, Region 5

Session I. Overview and Integration of Risk Assessment Methodology and Tools

10:25 - 10:50 A. Preparing Emissions Inventories for Modeling Stationary Sources -
Madeleine Strum, OAQPS

10:50 - 11:15 B. Developing Emissions Inventories - Mobile Sources - Rich Cook, OTAQ

11:15 - 11:40 C. Dispersion and Deposition Modeling - Randy Robinson, Region 5

11:40 - 1:00 **Lunch**

1:00 - 1:40 D. Exposure Methodology and Tools - Janet Burke and Stephen Graham,
ORD

1:40 - 2:05 E. Environmental Justice Disparity Analysis - Alan Walts, Region 5

2:05 - 2:45 F. Integration of Models in a Risk Assessment Framework - Jeff Yurk,
Region 6

2:45 - 3:00 **Break**

3:00 - 3:25 G. Batch-processing for Large Scale Assessments - Jeff Dillingham,
Dillingham Software Engineering

Session II. Choosing the Right Modeling Tools for a Project

A. State/Local Presentations on Risk Assessment Projects – Focus on
Concerns and Discussion

3:25 - 3:40 1. Minnesota

3:40 - 3:55 2. Wisconsin

3:55 - 4:10 3. Michigan

4:10 - 4:25 4. Illinois

4:25 - 4:40 5. Indiana

Air Toxics Risk Assessment Modeling Tools Symposium

Wednesday, July 16

Lake Huron Room and Computer Room B,
Metcalf Building, 77 W. Jackson, Chicago, IL

Session II. *continued*

A. State/Local Presentations *continued*

8:00 - 8:15

6. Ohio

8:15 - 8:30

7. Dayton, OH

8:30 - 9:10

B. Site-Specific Assessments including Residual Risk - Ted Palma, OAQPS

9:10 - 9:35

C. Neighborhood Scale Assessments - Three Examples- Jeff Yurk, Region 6

9:35 - 10:15

D. City/County Scale Assessments: Philadelphia and EMS-HAP- Madeleine Strum, OAQPS

10:15 - 10:35

Break

10:35 - 11:15

E. Regional Scale Assessments and the Atmospheric Fate and Transport of Air Toxics: CMAQ - Deborah Luecken, ORD

Session III. Modeling Tools - Technical Presentations and Hands-On Demonstrations

11:15 - 12:15

A. Mobile Source Modeling - Part 1: Presentation - Rich Cook, OTAQ

12:15 - 1:30

Lunch

1:30 - 3:00

A. Mobile Source Modeling - Part 2: Hands-On - Mike Leslie, Region 5, and Chad Bailey, OTAQ

3:00 - 3:20

Break

3:20 - 4:40

B. Air Toxics Modeling - Part 1: Presentation and Examples for TRIM- Ted Palma and Deirdre Murphy, OAQPS

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Thursday, July 17

Computer Room B and Lake Erie Room,
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Session III. *continued*

8:00 - 9:10 B. Air Toxics Modeling - Part 2: Presentation and Hands-On Example for HEM - Bill Battye, ECR (OAQPS consultant for HEM)

9:10 - 9:50 C. Integration of Emissions, Dispersion, Exposure, and Visualization - Part 1: Presentation on HARP - Jeff Dillingham, Dillingham Software Engineering

9:50 - 10:10 ***Break***

10:10 - 12:00 C. Part 2: HARP Hands-On - Jeff Dillingham, Dillingham Software Engineering

12:00 ***End***